

L Number	Hits	Search Text	DB	Time stamp
1	11466	vanill\$	USPAT; US-PGPUB; EPO; DERWENT	2003/05/16 21:30
2	33	vanill\$ and (cannabinoid or CB1)	USPAT; US-PGPUB; EPO; DERWENT	2003/05/16 21:33
3	6147	vanill\$ and (derivative or analog)	USPAT; US-PGPUB; EPO; DERWENT	2003/05/16 21:33
4	140	(vanill\$ and (derivative or analog)) and N-acyl	USPAT; US-PGPUB; EPO; DERWENT	2003/05/16 21:35
5	2055	(vanill\$ and (derivative or analog)) and amide	USPAT; US-PGPUB; EPO; DERWENT	2003/05/16 21:35
6	107	((vanill\$ and (derivative or analog)) and amide) and N-acyl	USPAT; US-PGPUB; EPO; DERWENT	2003/05/16 21:44
7	520	514/613	USPAT; US-PGPUB; EPO; DERWENT	2003/05/16 21:44
8	17	514/613 and vanil\$	USPAT; US-PGPUB; EPO; DERWENT	2003/05/16 21:47
9	1162	514/563	USPAT; US-PGPUB; EPO; DERWENT	2003/05/16 21:47
10	30	514/563 and vanil\$	USPAT; US-PGPUB; EPO; DERWENT	2003/05/16 21:48

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptal623kxg

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 Apr 08 "Ask CAS" for self-help around the clock  
NEWS 3 Jun 03 New e-mail delivery for search results now available  
NEWS 4 Aug 08 PHARMAMarketLetter(PHARMAML) - new on STN  
NEWS 5 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)  
now available on STN  
NEWS 6 Aug 26 Sequence searching in REGISTRY enhanced  
NEWS 7 Sep 03 JAPIO has been reloaded and enhanced  
NEWS 8 Sep 16 Experimental properties added to the REGISTRY file  
NEWS 9 Sep 16 CA Section Thesaurus available in CAPLUS and CA  
NEWS 10 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985  
NEWS 11 Oct 24 BEILSTEIN adds new search fields  
NEWS 12 Oct 24 Nutraceuticals International (NUTRACEUT) now available on STN  
NEWS 13 Nov 18 DKILIT has been renamed APOLLIT  
NEWS 14 Nov 25 More calculated properties added to REGISTRY  
NEWS 15 Dec 04 CSA files on STN  
NEWS 16 Dec 17 PCTFULL now covers WP/PCT Applications from 1978 to date  
NEWS 17 Dec 17 TOXCENTER enhanced with additional content  
NEWS 18 Dec 17 Adis Clinical Trials Insight now available on STN  
NEWS 19 Jan 29 Simultaneous left and right truncation added to COMPENDEX,  
ENERGY, INSPEC  
NEWS 20 Feb 13 CANCERLIT is no longer being updated  
NEWS 21 Feb 24 METADEX enhancements  
NEWS 22 Feb 24 PCTGEN now available on STN  
NEWS 23 Feb 24 TEMA now available on STN  
NEWS 24 Feb 26 NTIS now allows simultaneous left and right truncation  
NEWS 25 Feb 26 PCTFULL now contains images  
NEWS 26 Mar 04 SDI PACKAGE for monthly delivery of multifile SDI results  
NEWS 27 Mar 20 EVENTLINE will be removed from STN  
NEWS 28 Mar 24 PATDPAFULL now available on STN  
NEWS 29 Mar 24 Additional information for trade-named substances without  
structures available in REGISTRY  
NEWS 30 Apr 11 Display formats in DGENE enhanced  
NEWS 31 Apr 14 MEDLINE Reload  
NEWS 32 Apr 17 Polymer searching in REGISTRY enhanced  
NEWS 33 Apr 21 Indexing from 1947 to 1956 being added to records in CA/CAPLUS  
NEWS 34 Apr 21 New current-awareness alert (SDI) frequency in  
WPIDS/WPINDEX/WPIX  
NEWS 35 Apr 28 RDISCLOSURE now available on STN  
NEWS 36 May 05 Pharmacokinetic information and systematic chemical names  
added to PHAR  
NEWS 37 May 15 MEDLINE file segment of TOXCENTER reloaded  
NEWS 38 May 15 Supporter information for ENCOMPPAT and ENCOMPLIT updated  
NEWS 39 May 16 CHEMREACT will be removed from STN

NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT  
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),  
AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003

NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS INTER General Internet Information  
NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 14:22:44 ON 16 MAY 2003

=> filereg

FILEREG IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.  
For a list of commands available to you in the current file, enter "HELP COMMANDS" at an arrow prompt (=>).

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 14:22:56 ON 16 MAY 2003

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 15 MAY 2003 HIGHEST RN 516445-69-5

DICTIONARY FILE UPDATES: 15 MAY 2003 HIGHEST RN 516445-69-5

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:  
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>

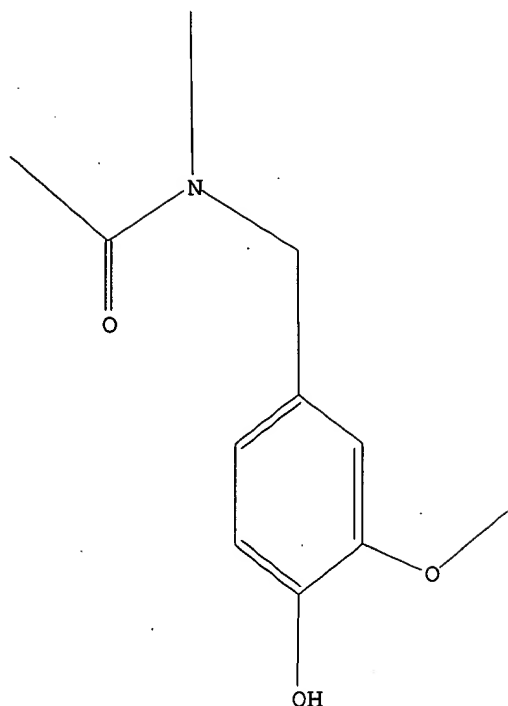
Uploading 09787764-3.str

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam

SAMPLE SEARCH INITIATED 14:23:34 FILE 'REGISTRY'  
 SAMPLE SCREEN SEARCH COMPLETED - 318 TO ITERATE

100.0% PROCESSED 318 ITERATIONS  
 SEARCH TIME: 00.00.01

1 ANSWERS

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
 BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 5291 TO 7429  
 PROJECTED ANSWERS: 1 TO 80

L2 1 SEA SSS SAM L1

=> s l1 sss full

FULL SEARCH INITIATED 14:23:48 FILE 'REGISTRY'  
 FULL SCREEN SEARCH COMPLETED - 6605 TO ITERATE

100.0% PROCESSED 6605 ITERATIONS  
 SEARCH TIME: 00.00.01

11 ANSWERS

L3 11 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

148.55

148.76

FILE 'CAPLUS' ENTERED AT 14:23:59 ON 16 MAY 2003

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PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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FILE COVERS 1907 - 16 May 2003 VOL 138 ISS 21  
FILE LAST UPDATED: 15 May 2003 (20030515/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l3 and (tumor or carcinoma or sclerosis or psoriasis or keratosis or asthma or rhinitis or athero? or restenosis)

```
10 L3
277459 TUMOR
115452 TUMORS
315962 TUMOR
      (TUMOR OR TUMORS)
99854 CARCINOMA
23296 CARCINOMAS
      157 CARCINOMATA
106398 CARCINOMA
      (CARCINOMA OR CARCINOMAS OR CARCINOMATA)
15689 SCLEROSIS
      27 SCLEROSES
15707 SCLEROSIS
      (SCLEROSIS OR SCLEROSES)
8799 PSORIASIS
1082 KERATOSIS
      286 KERATOSES
1278 KERATOSIS
      (KERATOSIS OR KERATOSES)
20778 ASTHMA
      20 ASTHMAS
20785 ASTHMA
      (ASTHMA OR ASTHMAS)
3497 RHINITIS
41546 ATHERO?
4595 RESTENOSIS
L4      1 L3 AND (TUMOR OR CARCINOMA OR SCLEROSIS OR PSORIASIS OR KERATOSIS OR ASTHMA OR RHINITIS OR ATHERO? OR RESTENOSIS)
```

=> dis l4 ibib abs hitstr

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1993:472376 CAPLUS  
DOCUMENT NUMBER: 119:72376  
TITLE: Preparation of phellodendrine analogs as allergy inhibitors  
INVENTOR(S): Koda, Akihide; Nishioka, Itsuo; Kawamura, Hideki; Ono, Yutaka; Hosaka, Kunio; Matsuoka, Yoshiyuki; Ogawa, Yoshimitsu; Fujisawa, Shinichi  
PATENT ASSIGNEE(S): Tsumura and Co., Japan  
SOURCE: PCT Int. Appl., 148 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9220645	A1	19921126	WO 1992-JP647	19920520
W: AU, CA, JP, KR, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, MC, NL, SE				
CA 2103367	AA	19921121	CA 1992-2103367	19920520
EP 613879	A1	19940907	EP 1992-910349	19920520
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, MC, NL, SE				
AU 9217924	A1	19921230	AU 1992-17924	19920522
AU 658188	B2	19950406		
PRIORITY APPLN. INFO.:			JP 1991-143858	19910520
			JP 1991-143987	19910520
			WO 1992-JP647	19920520

OTHER SOURCE(S): MARPAT 119:72376

GI For diagram(s), see printed CA Issue.

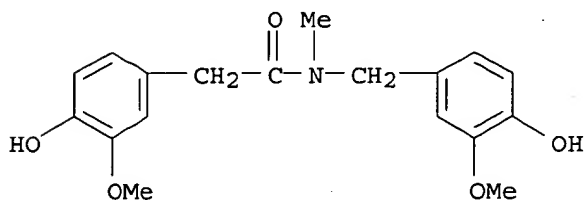
AB Phellodendrine analogs [I; A = (hydroxy- or alkoxy)benzyl, -phenethyl; B = H, alkyl, acyl; ABN = tetrahydroisoquinoline group Q (wherein R3, R4 = H, OH, alkoxy); R1, R2 = H, OH, alkoxy; n = 0-2; m = 0, 1], effective in treating allergy type IV syndromes, such as chronic hepatitis, intractable **asthma**, nephrotic syndrome, or rheumatism, are prepd. and formulated. A soln. of m-MeOC6H4COCl in C6H6 was added dropwise to a soln. of m-MeOC6H4CH2NH2 in C6H6 contg. pyridine under cooling and the soln. was stirred at room temp. to give 94.2% amide II, which was formulated into 200-mg tablets contg. 20 mg active ingredient, and which showed 25.1% inhibition of allergy type IV at 3 .times. 10<sup>-4</sup> mol/kg.

IT 148234-91-7P 148235-12-5P 148235-22-7P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(prepn. of, as allergy inhibitor)

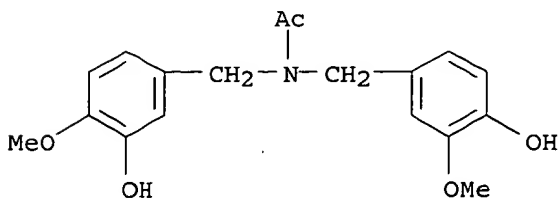
RN 148234-91-7 CAPLUS

CN Benzeneacetamide, 4-hydroxy-N-[(4-hydroxy-3-methoxyphenyl)methyl]-3-methoxy-N-methyl- (9CI) (CA INDEX NAME)



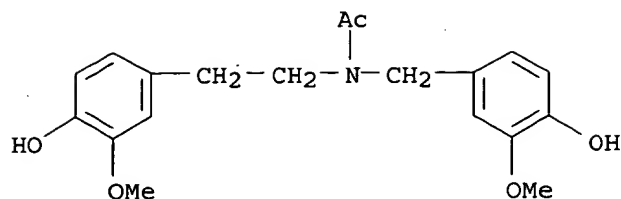
RN 148235-12-5 CAPLUS

CN Acetamide, N-[(3-hydroxy-4-methoxyphenyl)methyl]-N-[(4-hydroxy-3-methoxyphenyl)methyl]- (9CI) (CA INDEX NAME)



RN 148235-22-7 CAPLUS

CN Acetamide, N-[2-(4-hydroxy-3-methoxyphenyl)ethyl]-N-[(4-hydroxy-3-methoxyphenyl)methyl]- (9CI) (CA INDEX NAME)



=> s l3 and vanill?

10 L3

18568 VANILL?

L5

4 L3 AND VANILL?

=> s L5 AND (TUMOR OR CARCINOMA OR SCLEROSIS OR PSORIASIS OR KERATOSIS OR ASTHMA OR RHINITIS OR ATHERO? OR RESTENOSIS)

277459 TUMOR

115452 TUMORS

315962 TUMOR

(TUMOR OR TUMORS)

99854 CARCINOMA

23296 CARCINOMAS

157 CARCINOMATA

106398 CARCINOMA

(CARCINOMA OR CARCINOMAS OR CARCINOMATA)

15689 SCLEROSIS

27 SCLEROSES

15707 SCLEROSIS

(SCLEROSIS OR SCLEROSES)

8799 PSORIASIS

1082 KERATOSIS

286 KERATOSES

1278 KERATOSIS

(KERATOSIS OR KERATOSES)

20778 ASTHMA

20 ASTHMAS

20785 ASTHMA

(ASTHMA OR ASTHMAS)

3497 RHINITIS

41546 ATHERO?

4595 RESTENOSIS

L6

0 L5 AND (TUMOR OR CARCINOMA OR SCLEROSIS OR PSORIASIS OR KERATOSIS OR ASTHMA OR RHINITIS OR ATHERO? OR RESTENOSIS)

=> dis hist

(FILE 'HOME' ENTERED AT 14:22:44 ON 16 MAY 2003)

FILE 'REGISTRY' ENTERED AT 14:22:56 ON 16 MAY 2003

L1 STRUCTURE UPLOADED

L2 1 S L1 SSS SAM

L3 11 S L1 SSS FULL

FILE 'CAPLUS' ENTERED AT 14:23:59 ON 16 MAY 2003

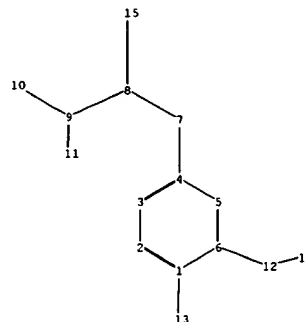
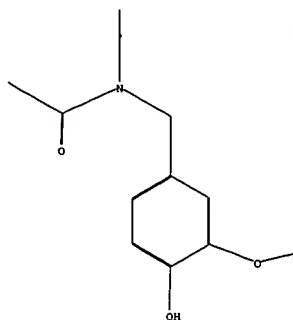
L4 1 S L3 AND (TUMOR OR CARCINOMA OR SCLEROSIS OR PSORIASIS OR KERATOSIS OR ASTHMA OR RHINITIS OR ATHERO? OR RESTENOSIS)

L5 4 S L3 AND VANILL?

L6 0 S L5 AND (TUMOR OR CARCINOMA OR SCLEROSIS OR PSORIASIS OR KERATOSIS OR ASTHMA OR RHINITIS OR ATHERO? OR RESTENOSIS)

=>

c:\09787764-2.str



chain nodes :

7 8 9 10 11 12 13 14 15

ring nodes :

1 2 3 4 5 6

chain bonds :

1-13 4-7 6-12 7-8 8-9 8-15 9-11 9-10 12-14

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6

exact/norm bonds :

1-13 6-12 7-8 8-9 8-15 9-11 12-14

exact bonds :

4-7 9-10

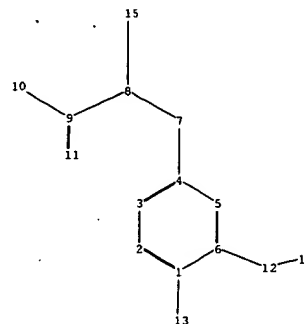
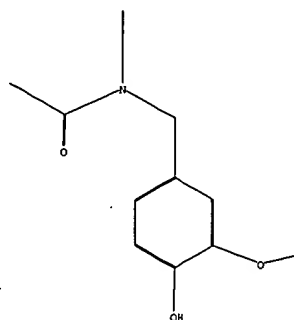
normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS  
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS





chain nodes :

7 8 9 10 11 12 13 14 15

ring nodes :

1 2 3 4 5 6

chain bonds :

1-13 4-7 6-12 7-8 8-9 8-15 9-11 9-10 12-14

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6

exact/norm bonds :

1-13 6-12 7-8 8-9 8-15 9-11 12-14

exact bonds :

4-7 9-10

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS  
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS